



SEC22B Polyclonal Antibody

Catalog No	BYab-00776
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	SEC22B
Protein Name	Vesicle-trafficking protein SEC22b
Immunogen	Synthesized peptide derived from the Internal region of human SEC22B.
Specificity	SEC22B Polyclonal Antibody detects endogenous levels of SEC22B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SEC22B; SEC22L1; Vesicle-trafficking protein SEC22b; ER-Golgi SNARE of 24 kDa; ERS-24; ERS24; SEC22 vesicle-trafficking protein homolog B; SEC22 vesicle-trafficking protein-like 1
Observed Band	23kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type IV membrane protein . Endoplasmic reticulum-Golgi intermediate compartment membrane . Golgi apparatus, cis-Golgi network membrane . Golgi apparatus, trans-Golgi network membrane . Melanosome . Concentrated most in the intermediate compartment/cis-Golgi network and the cis-Golgi cisternae 1 and 2. Greatly reduced in concentration at the trans end of the Golgi apparatus (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .
Tissue Specificity	Caudate nucleus,Platelet,Skin,Umbilical cor
Function	function:SNARE involved in targeting and fusion of ER-derived transport vesicles with the Golgi complex as well as Golgi-derived retrograde transport vesicles with the ER.,PTM:Phosphorylated upon DNA damage, probably by ATM or

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	ATR.,similarity:Belongs to the synaptobrevin family.,similarity:Contains 1 longin domain.,similarity:Contains 1 v-SNARE coiled-coil homology domain.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Component of two distinct SNARE complexes consisting of STX5, GOSR2/BOS1, BET1 and SEC22B or STX18, USE1L, BNIP1/SEC20L and SEC22B. YKT6 can probably replace SEC22B in either complex.,
Background	The protein encoded by this gene is a member of the SEC22 family of vesicle trafficking proteins. It seems to complex with SNARE and it is thought to play a role in the ER-Golgi protein trafficking. This protein has strong similarity to Mus musculus and Cricetulus griseus proteins.[provided by RefSeq, Sep 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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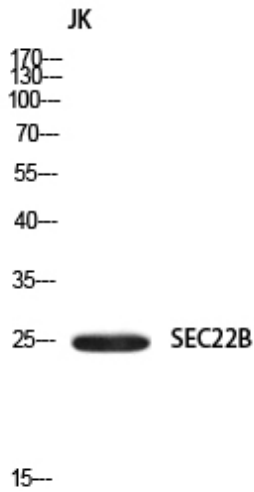
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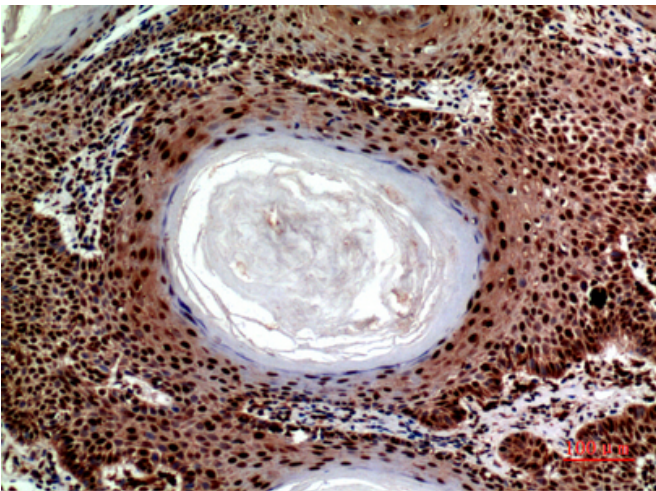
监督电话: 15950492658



Products Images



Western blot analysis of JK using SEC22B antibody.
Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100